Amendments to the Specification:

1.) Please replace the paragraph beginning at page 2, line 11, with the following rewritten paragraph:

The Active Set (AS) is defined as the set of base stations, also referred to as Node Bs, that the mobile terminal is simultaneously connected to. Cells[[,]] which are not included in the active set, but are included in ~~the~~ ~~(CELL_INFO_LIST)~~ a cell info list (CELL INFO LIST), belong to the Monitored Set, and cells detected by the mobile terminal, which are neither in the CELL_INFO_LIST nor in the active set, belong to the Detected Set.

2.) Please replace the paragraph beginning at page 2, line 18, with the following rewritten paragraph:

In many cases there are neighbouring cells that for different reasons are never ~~are~~ included in the measurement order that is sent from the network to the mobile terminal. It is therefore possible for the mobile terminal to detect cells not being specified in the network (i.e. in the CELL_INFO_LIST), i.e. the detected set cells. Further, in release '99 of the 3GPP specification it is not mandatory for the mobile terminal to report the cell identity of the detected set cells even if the radio network has requested the mobile terminal to report that. It is only mandatory to report the scrambling code of the cell.

3.) Please delete the paragraph beginning at page 3, line 23:

~~The problem is solved by the method of claim 1 and the arrangements of claims 5, 6 and 7.~~

4.)   Please replace the paragraph beginning at page 4, line 19, with the following rewritten paragraph:

The present invention may be implemented in a third generation mobile telecommunication system having a CDMA (e.g. Wideband CDMA) based radio access network as depicted in **figure 1**. **Figure 1** shows a mobile telecommunication system that comprises a first Core Network (CN) 120 comprising at least one Gateway GPRS Support Node (GGSN) 102 connected to at least one Serving GPRS Support Node (SGSN) 104. The first CN is connectable to other networks 130,140, such as the PSTN or another mobile network, by means of the GGSN. The SGSN 104 is connectable via the Iu interface to a plurality of Radio Network Subsystems (RNS) 114. Each RNS 114 comprises a Radio Network Controller (RNC) 106 and at least one Node B, also referred to as Base Station (BS), 108 connected to the RNC 106 via the Iub interface. The RNCs control their connected Node Bs 108 and the Node Bs comprise means for wireless communication over the Uu interface with a plurality of UEs also referred to as mobile terminals 110 located in the coverage of the respective Node B 108.   Moreover, the RNC 106 in the mobile telecommunication system comprises a second CN 150, a circuit switched CN. The circuit switched CN 150 comprises a Mobile Switching Centre (MSC) (not shown) connected to a Gateway MSC (not shown). The Gateway MSC is further connected to other external networks 130, 140[[, 150]] such as the PSTN. The circuit switched CN may also comprise registers (not shown) such as a Visitor Location Register and a Home Location Register.

5.)   Please replace the paragraph beginning at page 5, line 32, with the following rewritten paragraph:

3. If the reported cell is already [[is]] defined as a neighbour to any cell in the AS of said mobile terminal according to the CELL_INFO_LIST, the cell

is added to the active set as normal. It should be noted that the cells of the CELL_INFO_LIST in the mobile terminal are preferably neighbouring cells to the AS cells of the mobile terminal, but the CELL_INFO_LIST may also comprise other cells.

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